

**АННОТАЦИЯ И КЛЮЧЕВЫЕ СЛОВА ЖУРНАЛ «СУДЕБНАЯ
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Typical investigative situations and features of the appointment and conduct of examinations in the investigation of thefts from storage facilities

I. I. Arkhipova

Abstract. Typical investigative situations and types of examinations in the investigation of thefts from storage facilities are considered.

Keywords: typical investigative, the investigator`s action program, appointment of examinations, types of examinations.

Modern aspects of the examination of modified vehicle markings

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Abstract. The methodological aspects of the examination of the modified vehicle markings are described. The problems of establishing the initial content of the identification number by an unconventional method of chemical etching, and by means of additional marking designations, are highlighted. The attention is focused on the use of these serial numbers of the main units and units of the vehicle (engine, gearbox number, drive axles, etc.). The possibilities of using marking designations of anti-theft systems are considered.

Keywords: initial content of the identification number, examination of the changed marking designations, additional marking of vehicles, anti-theft systems. Dat Dot., .Litex., numbers of the main components and assemblies of the car.

Prospects for the use of artificial intelligence technology in forensic activities

A. A. Bessonov

Abstract. The possibilities of using artificial intelligence technology in forensic examination and forensic support of the investigation are considered. A number of principles of the use of artificial intelligence in legal proceedings are indicated, which must be taken into account when determining specific areas of its implementation in forensic activities. It is determined that the most promising in the forensic support of investigation and forensic examination are decision support systems based on artificial intelligence. These technologies are also useful in the search, research and analysis of digital traces of crime and evidence in criminal cases. Artificial intelligence technologies are now increasingly being used as an object of research in forensic examination. In the work of an investigator, artificial intelligence technologies must be used when creating an automated workplace to increase the efficiency of its activities.

Keywords: artificial intelligence, forensic support of investigation, crime investigation, forensic examination.

Images of manuscripts are specific objects of forensic handwriting examination

S. M. Bobovkin

Abstract. The images of manuscripts are distinguished as separate objects of forensic examination of documents. Their characteristics are given; the main properties are noted; the specifics are determined. Based on scientific research, the basic concept is formulated. It is pointed out the variety of varieties of images of handwriting implementations, which are based on the methods of fixing and subsequent reproduction of the marked objects. Based on the analysis of the practice of production of this type of forensic handwriting examinations, some promising areas of improvement of the affected area of forensic examination of documents are determined.

Keywords: forensic handwriting examination, images of manuscripts, specific object, concept, distinctive features, properties, integrated approach, validated methodology, cybernetic methods.

Forensic examination before the «court of history» (expert opinion)

A. F. Volynsky

Abstract. The features of the emergence and development of forensic and forensic activities in Russia, their organization and legal regulation in the conditions of social phenomena that occurred in our country in the XX century are considered. The reasons for the emergence of interdepartmental contradictions in relation to these types of activities and the consequences of the still ongoing attempts to resolve them from the position of interdepartmental confrontation are analyzed. The conclusion is made about the need to form a unified state system of scientific and technical support of criminal proceedings. Suggestions are made on a possible approach to solving this problem.

Keywords: history, criminology, forensic examination, Ministry of Justice, Ministry of Internal Affairs, Prosecutor's Office, ideologized campaign, integration, differentiation, fruitless discussions, destructive consequences.

Digital video forensics in the fight against crime in Vietnam

Vu Duc Quang

Abstract. Currently, investigative agencies have many sources to exploit information about a criminal case, including digital videos. Digital videos that can be recorded at locations close to the crime scene, or provided by the public, contain information regarding the offender and the crime. Digital video forensics is a subsection of Digital and electronic forensics, performed by technical forensic examinations. The process of analyzing and evaluating information related to digital video data helps assessors to draw expert conclusions about the authenticity of videos, object recognition, video quality enhancement, interpretation analysis video content... The article examines about digital video forensics in Vietnam, analyzes the results and limitations; thereby making recommendations

and proposals to improve the effectiveness of digital video forensics in the fight against crime in Vietnam.

Keywords: digital video forensics; the fight against crime.

Possible ways to improve the organization of training of scientific personnel for forensic units and improve scientific research in this field of activity

S. S. Galakhov

Abstract. Recently, more and more attention has been paid to the training of professional personnel within the framework of higher education. This problem has not escaped the attention of leading forensic scientists and forensic experts. Their discussions on this issue have been going on for about two hundred years, but have not yet ended. Suffice it to say that all their disputes are reduced to an important, but not always its main component — scientific and material-technical support of forensic expert activity, forgetting about the specialist expert, called upon to introduce and use in his practical expert activity new scientific and technical methods and methods that allow to reach a higher level of scientific and methodological support for the fight against crime, disclosure and investigation of planned, planned, committed and committed crimes. Therefore, the article attempts to consider some areas and issues related to the training of personnel for forensic institutions and their relevance in the practice of investigative and operational units of Russia.

Keywords: forensic expert activity, forensic technology, scientific and technical methods of fixing objects, subject of criminalistics, scientific and practical expert personnel, forensic expert activity, expert's professionogram.

Features of training experts in fingerprinting and fingerprinting expertise using modern distance learning technologies

D. S. Goltsev, I. O. Nesmiyanova

Abstract. The methodology of training experts in the field of fingerprinting and fingerprint examination using modern systems of distance educational technologies is described. Several software shells are considered in which lectures, seminars and practical classes can be held. Methodical instructions on the correct conduct of these classes are given. The experience of conducting practical classes on the basis of the Moscow University of the Ministry of Internal Affairs of Russia named after V.Ya. Kikot' is summarized.

Keywords: fingerprinting, fingerprint examination, remote technologies, expert training, forensic examination, data transmission and storage systems.

Some aspects of the study of traces of the skin that does not have a papillary pattern, in proving

A. S. Grebneva

Abstract. The topic of increasing the effectiveness of expert research conducted in the investigation of crimes by examining traces of the skin of a person who does

not have a papillary pattern is considered. The necessity of a broad study of non-traditional traces is substantiated.

Keywords: traces of the skin of a person who does not have a papillary pattern, an integrated approach, identity identification.

Organization of the study of large volumes of brief entries in subscription lists: problems and solutions

V. M. Danilkina

Abstract. The modern possibilities of handwriting studies of brief handwritten notes are considered. The characteristic problematic issues are identified, attention is focused on the features of the study of brief handwritten notes on behalf of voters in subscription lists. Taking into account the need for handwriting specialists to study significant volumes of short records in a limited period of time determined by the electoral legislation, possible ways to solve these problems are considered; options for partial automation of the process of checking handwriting objects in subscription lists are proposed; examples from practice are given.

Keywords: electoral legislation, brief handwritten notes, handwriting checks and studies, large volumes of objects under study, artificial intelligence, automation of the work of handwriting specialists.

Features of the formation of traces of working parts of tools depending on angular and time dependencies

K. E. Demin, L. I. Potokina

Abstract. The questions devoted to the trace formation of the working parts of tools formed under various conditions, as well as the issues of changing the characteristics of slip marks depending on the angle of inclination and meeting are considered. Their changes depending on quantitative indicators are shown. Further research has examined the regularities of the formation of dynamic drilling traces relative to operational changes, their identification period has been studied.

Keywords: counter angle, working angle of the tool, drilling trace, trace formation, special knowledge, tracological research, frontal angle.

Information technologies in forensic handwriting examination

M. V. Zhizhina

Abstract. Judicial handwriting is a branch of forensic science that is actively developing in the methodological aspect. It has long and successfully applied quantitative methods and techniques based on cybernetic principles. Modern realities associated with the processes of universal digitalization are also reflected in the methodological support of forensic handwriting examination. This is due both to the methodological apparatus and to the modification of its direct objects. This article is devoted to the history, current state and prospects for the development of digital technologies in forensic handwriting.

Keywords: forensic handwriting expertise, methodology, information technology, development, digitalization.

Problem of forensic investigation of handwriting implementations performed under the influence of various types of physical activity

L. Yu. Zakharova

Abstract. The influence of physical activity on human performance indicators is considered. Based on the generalization of various sources and the conducted experiment, some features of the handwriting of the squeaker under the influence of the above unusual condition are highlighted.

Keywords: handwriting realizations, handwriting signs, physical fatigue, altered psychophysiological state.

On the legal regulation of expert examinations in court proceedings in the Russian Federation

A. A. Kalgina

Abstract. In the article, when analyzing the legal literature and regulatory legal acts on the regulation of examinations in court proceedings in the Russian Federation, several judgments are made: examination is allowed in all five types of proceedings: constitutional, civil, arbitration, criminal, administrative; constitutional proceedings are regulated in the federal Constitutional law of the Russian Federation, and the other four types of proceedings (civil, arbitration, criminal, administrative) are regulated in the codified federal laws of the Russian Federation; in any type of proceedings, the methods of examination are different (in particular, in criminal proceedings, this investigative action is the appointment of an expert examination).

Keywords: Russian Federation, legislation, Constitution of the Russian Federation, Federal Law of the Russian Federation, Federal Law of the Russian Federation .On State forensic expert activity in the Russian Federation. dated April 5, 2001, judicial proceedings, constitutional proceedings, civil proceedings, arbitration proceedings, criminal proceedings, administrative proceedings, expertise.

Inspection of electronic media and removal of criminally significant information from them

M. V. Kardashevskay

Abstract. The article notes that the information stored on an electronic medium is used in the investigation of almost every crime. In order for this information to acquire the status of evidence, it is necessary to observe a number of tactical and procedural rules. This article is devoted to the tactical methods of examining electronic media and removing criminally significant information from them.

Keywords: electronic data carrier, criminally significant information, inspection, seizure.

On the role of departments in the organization of expert activities in the Russian Federation

A. Yu. Kirsanov

Abstract. In the article, when analyzing the legal literature and regulatory legal acts on the role of departments in the organization of expert activity in the Russian Federation, several judgments are made: the regulatory legal act specially designed for the production of state examinations is the Federal Law of the Russian Federation .On State forensic expertise in the Russian Federation. of April 5, 2001; state examinations are usually carried out by departmental institutions; the provisions of Article 8 of the Constitution of the Russian Federation of December 12, 1993 assume identical legal consequences in the production of examinations by departmental institutions and private experts; the title of the Federal Law of the Russian Federation .On State Forensic Expert Activity in the Russian Federation. dated April 5, 2001 needs to be adjusted: the Federal Law of the Russian Federation .On Expert Activity in the Russian Federation..

Keywords: Russian Federation, legislation, Constitution of the Russian Federation, Federal Law of the Russian Federation, Federal Law of the Russian Federation «On State forensic expert activity in the Russian Federation» dated April 5, 2001, expert activity, expertise, department.

Legal regulation of forensic support for the disclosure and investigation of crimes

V. A. Kogolina

Abstract. The directions of forensic support of law enforcement activities are considered. Based on the generalization of the activities of expert units, problematic aspects of regulatory regulation of each area of forensic support are identified; ways to solve them are proposed.

Keywords: forensic support, forensic expertise, special knowledge, preliminary research, expert opinion, specialist opinion.

On improving the approach to the grounds for the classification of situational and situational forensic examinations

D. A. Kudryashov, O.V. Kivel

Abstract. A meaningful analysis of the terminology of the concepts of .situational expertise. and .situational forensic expertise. from the standpoint of epistemology is given. Separate signs of the above-mentioned concepts are considered and disclosed. The main debatable issues related to the improvement of the theory of classification of situational and situational forensic examinations, and the points of view of various authors on their solution, as well as the author's understanding of this problem are presented. The possibilities of conducting such examinations are indicated by the example of conducting situational forensic ballistic and situational medical forensic examination.

Keywords: situational expertise, integrated approach, situational expertise, forensic expertise, expert research.

Improving the basic concepts and terms of forensic examination, influencing the formation of the theoretical base of information support for forensic activities in the Socialist Republic of Vietnam

Nguyen Van Cau

Abstract. The conceptual system of forensic activity in Vietnam is considered. In the theoretical aspect, as well as in practical application, it still has many disadvantages. Especially in the legal system regulating forensic examination in Vietnam. By means of a terminological analysis, shortcomings are pointed out; ways to solve them are proposed.

Keywords: concept, terms, conceptual apparatus, forensic examination.

Forensic study of documents in disclosure and fighting crime in Vietnam currently: practice and solution

Nguyen Chi Linh

Abstract. The current state of forensic activity in Vietnam is presented. From the analysis of the situation of forensic expert activity in Vietnam, the disadvantages and advantages of this activity are highlighted. Some solutions are proposed to improve the efficiency of forensic activities in Vietnam.

Keywords: forensic expertise, forensic technology, technical and forensic service.

Artificial intelligence in criminalistics and forensic examination: challenges and perspectives

N. S. Neretina

Abstract. The role of innovations in the development of criminalistics and forensic examination is shown. The influence of new technologies on the entire system of forensic expertise is analyzed. Promising innovative areas of forensic expertise are presented, among which the use of artificial neural networks stands out. The development of artificial intelligence systems in historical perspective is investigated. Examples of the development of these systems in forensic activities are indicated.

Keywords: innovations, innovative technologies, artificial intelligence, neural networks, forensic science.

Some aspects in the study of prints of seals and stamps and their impact on the identification of identification forms

T. V. Orlova

Abstract. Some aspects concerning the study of certification printing plates are considered, in particular, the solution of the question of the suitability of prints of seals and stamps; and its influence for the identification of the trace-forming object is determined.

Keywords: trace, identification significance, identification printed forms, suitability criteria.

Actual problems of forensic handwriting expertise

O. V. Pavlyut

Abstract. Diagnostic studies are one of the urgent problems in forensic handwriting expertise, remain one of the most complex and need in-depth scientific development in order to increase the effectiveness of expert activities.

Keywords: forensic handwriting examination, forensic handwriting diagnostics, handwriting, diagnostic study.

On the question of factors affecting the display of human's appearance

G. V. Paramonova

Abstract. Separate provisions are considered that reveal the factors affecting the display of appearance — retouching, as a factor affecting the display of external signs of a person and innovative technologies, as a way of hiding the appearance.

Keywords: factors affecting the display of appearance, retouching in portrait examination, innovative technologies that hide the appearance.

Problems of assignment and production of linguistic expertise on extremist crimes committed with the use of information technology

L. N. Poselskaya

Abstract. At the stage of initiation of a criminal case, problematic issues related to the appointment and production of linguistic expertise on extremist crimes committed with the use of information technology are considered.

The main reason is the different approaches to the evaluation of speech content in the study of complex semantic constructions using argot, dialects and foreign words from other linguistic adverbs.

Keywords: special knowledge, linguistic expertise, verbal extremism, research methods, object and subject of expertise.

Issues of legal regulation of the examination in codified acts on administrative proceedings in the CIS member states

V. M. Redkous

Abstract. The experience of fixing the issues of expertise in codified acts on administrative proceedings in the CIS member states is analyzed.

Keywords: administrative process, administrative proceedings, expertise, expert, evidence, code, member states of the CIS, comparative law, administrative justice.

To the question of the practical aspects of the use of unmanned aerial vehicles during the crime scene inspection

P.V. Sevastianov, V.I. Polov, A. V. Ivashkova, S. V. Tomchik

Abstract. Some features of the use of unmanned aircraft in practice during the inspection of the scene are considered. The emphasis is placed on the practical aspects of the application of this type of technology, without affecting the organizational and legal foundations. Their classification is given, the possibilities and scope of application are indicated, as well as the advantages of inspection

using drones (copters). Specific recommendations are formulated regarding the necessary tactical and technical characteristics of drones (copters), indicating the types and models that the specialist needs to focus on. The necessary technical characteristics of the target equipment, in general, and in particular, digital cameras, are highlighted. It is indicated what types of shooting are possible with the help of target equipment installed on the drone (copter), and attention is also paid to shooting techniques. The types of specialized software for processing video and photo images obtained from a drone (copter) are noted. The recommendations will allow the specialist to orient himself in the choice of a drone (copter) and correctly apply it.

Keywords: unmanned aerial vehicles, target load, crime scene inspection, drones, copters, specialized software, photography, video filming.

On the issue of scientific support of forensic activities

V. Yu. Fedorovich

Abstract. Based on the analysis of the results of expert activity and the practice of investigative units, the article examines the main directions of scientific support for the forensic activities of internal affairs bodies, the role of scientific schools of educational organizations of the Ministry of Internal Affairs of Russia in conducting commissioned and initiative scientific research.

Keywords: scientific support, forensic activities, scientific schools, innovative technologies, special knowledge, forensic examination.

Tactical features of working with recordings from CCTV cameras in order to solve crimes «in hot pursuit»

V. L. Khamizov

Abstract. The issues of seizure and inspection of recordings from CCTV cameras in order to solve crimes .in hot pursuit. are being considered. Tactical recommendations for the inspection of these documents have been developed. It is noted that it is necessary to use the column of the inspection protocol .Remarks, additions and clarifications of the participants of the inspection. to record the explanations of the victim of the crime about the events taking place on the examined record.

Keywords: crime detection, hot tracks, video recordings, inspection, inspection protocol.

Modern possibilities of automation of the expert research process

O. A. Kharlamova

Abstract. To date, such technologies as automated fingerprinting systems, computer programs for 3D-modeling of a traffic accident have already been introduced into the practice of conducting expert research. The possibilities of 3D-scanning and modeling in the production of forensic examinations are partially implemented. Continuous improvement of the technical support of expert activity entails the need to modernize the process of expert research, reduce the time required for the production of examinations, and automate this process. In our

article, we would like to focus on the implementation of such opportunities in the production of traditional forensic examinations. For these purposes, from our point of view, it is advisable to use the main provisions of the .Draft Concept of the scientific and Technical Policy of the Ministry of Internal Affairs of Russia until 2030.. Where one of the priority areas is such a direction as information and communication systems. It is the provisions of this concept that will allow us to improve expert activities in terms of the introduction of modern technologies. In this connection, to automate and optimize, for example, the appointment and production of forensic examinations, we propose to introduce electronic document management into expert practice, improve the automated workplace of an expert and create a software package for automating expert research.

Keywords: expert research, automation, optimization, information technology, microscope, 3D-modeling, 3D-scanner.

The use of digital technologies in forensic portrait examination as a reflection of this process in all forensic activities

F. G. Aminev

Abstract. The issues of the use of digital technologies in forensic portrait examination are considered, methods of solving problems related both to the insufficient use of digital technologies and to the imperfection of the processes of approbation and implementation of newly developed methodological recommendations in the practical production of examinations are proposed.

Keywords: digital technologies, forensic portrait examination, forensic expert activity, methodological support of forensic examination.